

Figure 1

Jones et al.
AUS920010021US1
Application Assisted Executable
Exports
Page 1 of 8

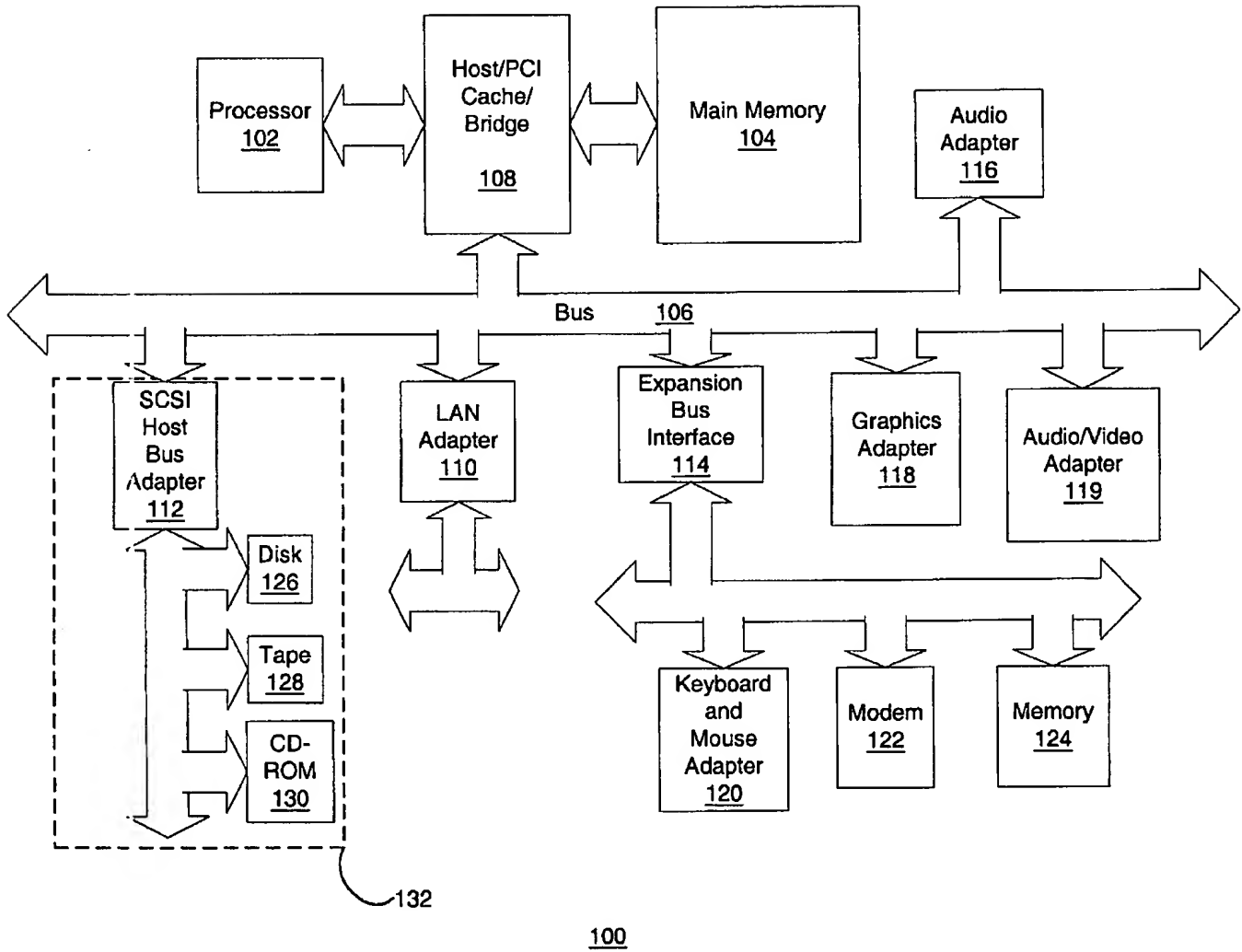


Figure 2

Jones et al.
AUS920010021US1
Application Assisted Executable
Exports
Page 2 of 8
(Prior Art)

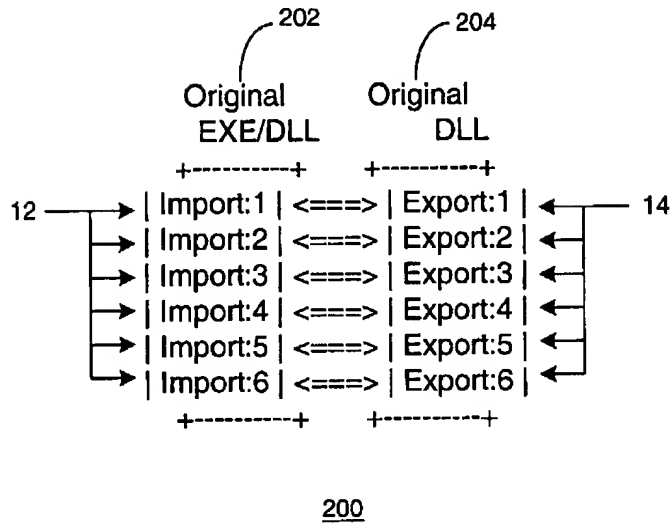
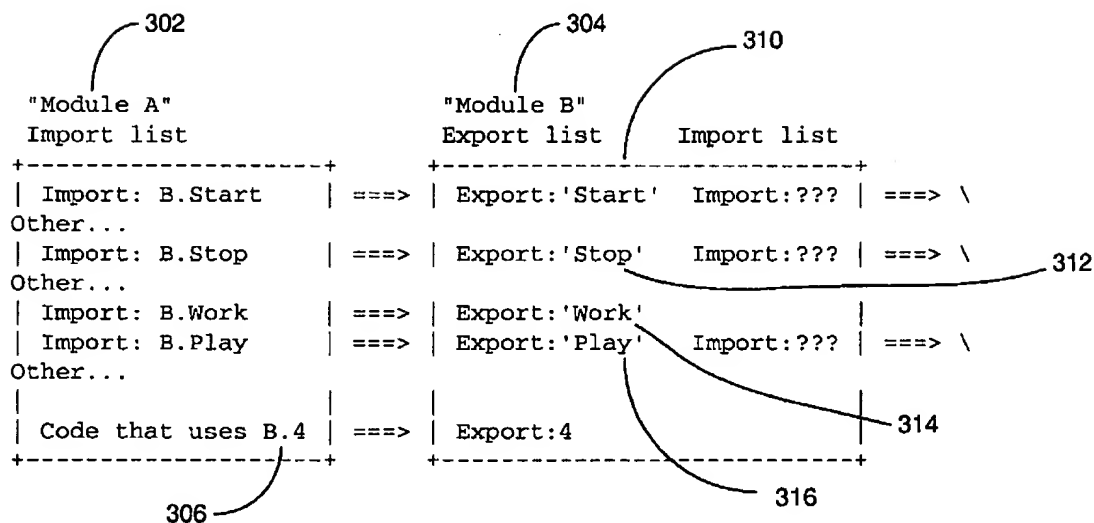


Figure 3

Jones et al.
AUS920010021US1
Application Assisted Executable
Exports
Page 3 of 8
(Prior Art)



Basic imports/exports at work
(prior art)

FIG. 3 is a schematic diagram of the basic imports/exports at work (prior art).

Figure 4

Jones et al.
AUS920010021US1
Application Assisted Executable
Exports
Page 4 of 8
(Prior Art)

402		404	
"Module A"		"Module B"	
Import list		Export list	Import list
+-----+		+-----+	
Import: B.Start	====>	Export: 'Start'	Import: ??? ====> \
Other...			
Import: B.Stop	====>	Export: 'Stop'	Import: ??? ====> \
Other...			
Import: B.Work	====>	Export: 'Work'	
Import: B.Play	====>	Export: 'Play'	Import: ??? ====> \
Other...			
		+-----+	
Import: C.1	====>	Loader didn't find "C"	
+-----+			
408		406	

Demonstrates the problem: missing module (prior art)

Figure 5

Jones et al.
AUS920010021US1
Application Assisted Executable
Exports
Page 5 of 8

Module
502

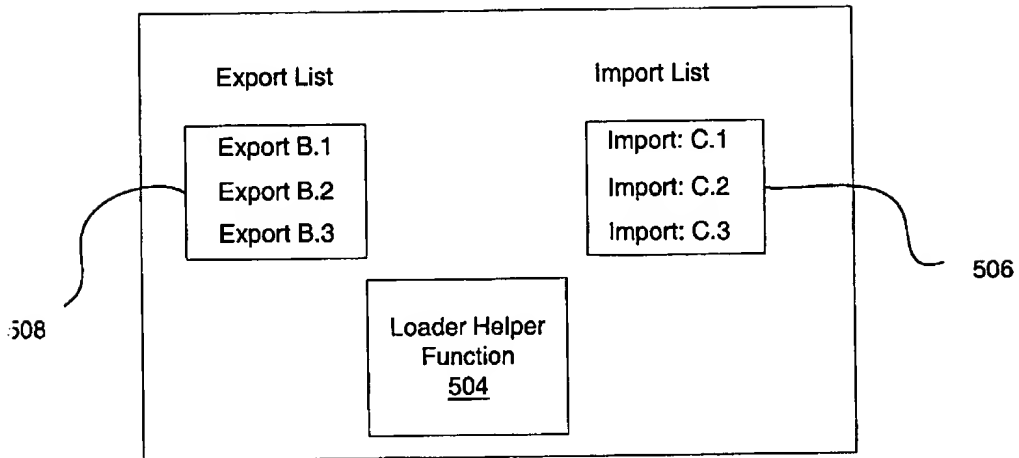


Figure 6

Jones et al.
AUS920010021US1
Application Assisted Executable
Exports
Page 6 of 8

```
LoaderHelperFunc( module, import, loadedBy, security )
{
    // Looking for module?
    if ( module and not import ) {
        return LocateMissingModule( module );
    }
    // Looking for import from existing module.
    rc = LocatePublicFunctions( module, import );
    if ( rc )
        return rc;
    // Hmm. Is caller poking around for private stuff?
    rc = LocatePrivateFuncitons( module, import );
    if ( loadedBy != aFriend && security != authorized ) {
        WarnUser( "Someone is trying to sneak into your data!" );
        return 0;
    }
    return rc;
}

LocateMissingModule( ... )
{
    ....
}

LocatePublicFunctions( module, import )
{
    ....
}

LocatePrivateFuncitons( module, import )
{
    ....
}

WarnUser( ... )
{
    ....
}
```

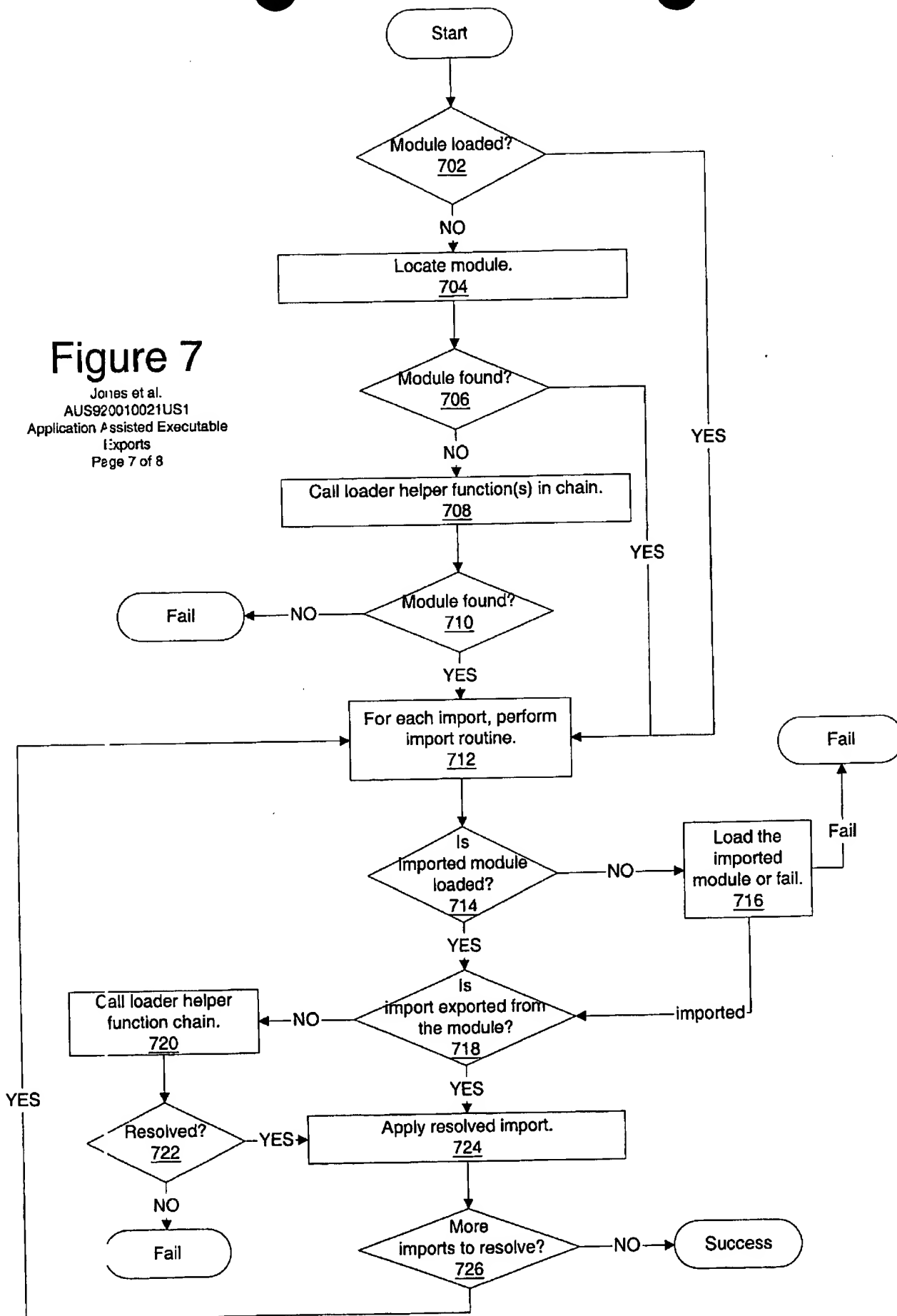
600

loader helper function

Figure 6

Figure 7

Jones et al.
AUS920010021US1
Application Assisted Executable
Exports
Page 7 of 8



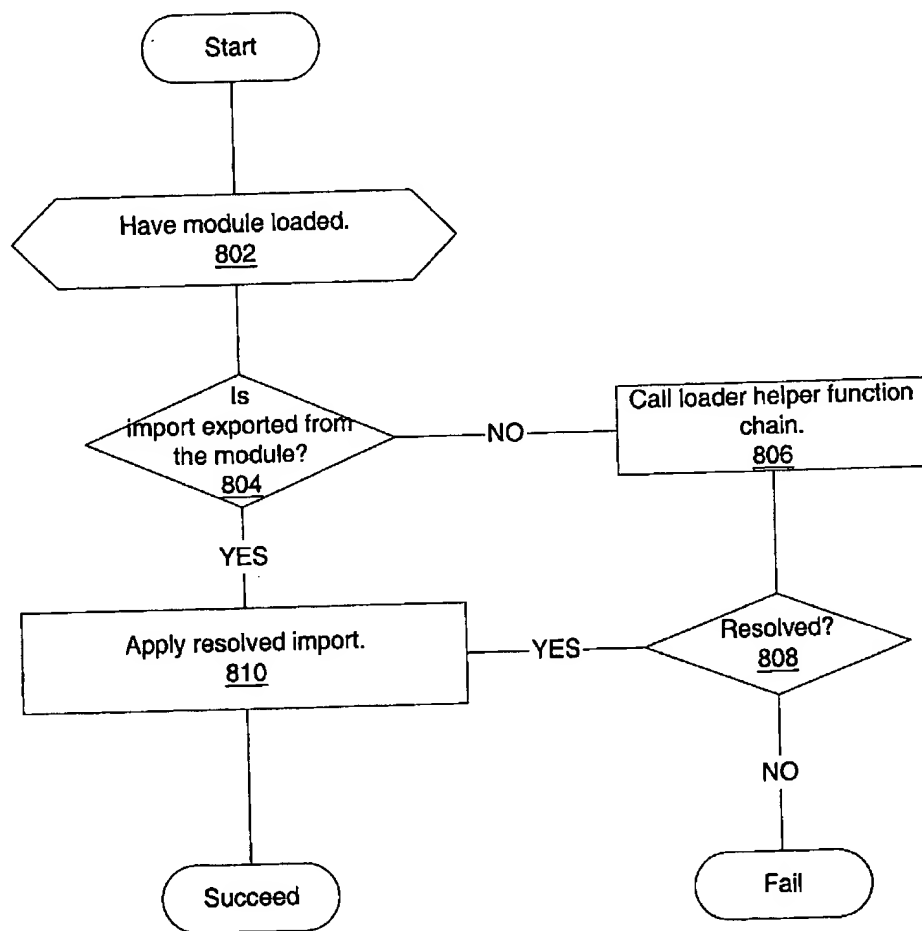


Figure 8

Jones et al.
AUS920010021US1
Application Assisted Executable
Exports
Page 8 of 8